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TECH CENTER 1600/2900



1600

RAW SEQUENCE LISTING

DATE: 05/02/2002

PATENT APPLICATION: US/09/602,775C

TIME: 16:43:58

Input Set : A:\50111.002002.SEQLIST.TXT

Output Set: N:\CRF3\05022002\I602775C.raw

p6

ENTERED

4 <110> APPLICANT: Cashman, Neil
 5 Paramithiotis, Eustache
 6 Slon-Usakiewicz, Jacek
 7 Haghighat, Ashkan
 8 Pinard, Marc
 9 Lawton, Trebor
 12 <120> TITLE OF INVENTION: PRION PROTEIN PEPTIDES AND USES THEREOF
 15 <130> FILE REFERENCE: 50111/002002
 17 <140> CURRENT APPLICATION NUMBER: US 09/602,775C
 18 <141> CURRENT FILING DATE: 2000-06-23
 20 <150> PRIOR APPLICATION NUMBER: 60/140,634
 21 <151> PRIOR FILING DATE: 1999-06-23
 23 <160> NUMBER OF SEQ ID NOS: 34
 25 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 27 <210> SEQ ID NO: 1
 28 <211> LENGTH: 4
 29 <212> TYPE: PRT
 30 <213> ORGANISM: Artificial Sequence
 32 <220> FEATURE:
 33 <223> OTHER INFORMATION: Synthetic peptide
 W--> 36 <221> NAME/KEY: VARIANT
 37 <222> LOCATION: (1)...(4)
 38 <223> OTHER INFORMATION: Xaa = Any Amino Acid
 W--> 40 <400> 1
 W--> 41 Xaa Tyr Tyr Xaa
 42 1
 45 <210> SEQ ID NO: 2
 46 <211> LENGTH: 7
 47 <212> TYPE: PRT
 48 <213> ORGANISM: Artificial Sequence
 50 <220> FEATURE:
 51 <223> OTHER INFORMATION: Synthetic peptide
 W--> 54 <221> NAME/KEY: VARIANT
 55 <222> LOCATION: (1)...(7)
 56 <223> OTHER INFORMATION: Xaa = Any Amino Acid
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 W--> 59 Xaa Tyr Tyr Xaa Tyr Tyr Xaa
 60 1 5
 63 <210> SEQ ID NO: 3
 64 <211> LENGTH: 10
 65 <212> TYPE: PRT
 66 <213> ORGANISM: Artificial Sequence
 68 <220> FEATURE:

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69 <223> OTHER INFORMATION: Synthetic peptide
W--> 72 <221> NAME/KEY: VARIANT
73 <222> LOCATION: (1)...(10)
74 <223> OTHER INFORMATION: Xaa = Any Amino Acid
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W--> 77 Xaa Tyr Tyr Xaa Tyr Tyr Xaa Tyr Tyr Xaa
78 1 5 10
81 <210> SEQ ID NO: 4
82 <211> LENGTH: 13
83 <212> TYPE: PRT
84 <213> ORGANISM: Artificial Sequence
86 <220> FEATURE:
87 <223> OTHER INFORMATION: Synthetic peptide
W--> 90 <221> NAME/KEY: VARIANT
91 <222> LOCATION: (1)...(13)
92 <223> OTHER INFORMATION: Xaa = Any Amino Acid
W--> 94 <400> 4
W--> 95 Xaa Tyr Tyr Xaa Tyr Tyr Xaa Tyr Tyr Xaa Tyr Tyr Xaa
96 1 5 10
99 <210> SEQ ID NO: 5
100 <211> LENGTH: 16
101 <212> TYPE: PRT
102 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <223> OTHER INFORMATION: Synthetic peptide
W--> 108 <221> NAME/KEY: VARIANT
109 <222> LOCATION: (1)...(16)
110 <223> OTHER INFORMATION: Xaa = Any Amino Acid
W--> 112 <400> 5
W--> 113 Xaa Tyr Tyr Xaa Tyr Tyr Xaa Tyr Tyr Xaa Tyr Tyr Xaa Tyr Tyr Xaa
114 1 5 10 15
117 <210> SEQ ID NO: 6
118 <211> LENGTH: 19
119 <212> TYPE: PRT
120 <213> ORGANISM: Artificial Sequence
122 <220> FEATURE:
123 <223> OTHER INFORMATION: Synthetic peptide
W--> 126 <221> NAME/KEY: VARIANT
127 <222> LOCATION: (1)...(19)
128 <223> OTHER INFORMATION: Xaa = Any Amino Acid
W--> 130 <400> 6
W--> 131 Xaa Tyr Tyr Xaa Tyr Tyr Xaa Tyr Tyr Xaa Tyr Tyr Xaa Tyr Tyr Xaa
132 1 5 10 15
W--> 133 Tyr Tyr Xaa
137 <210> SEQ ID NO: 7
138 <211> LENGTH: 22
139 <212> TYPE: PRT
140 <213> ORGANISM: Artificial Sequence
142 <220> FEATURE:

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143 <223> OTHER INFORMATION: Synthetic peptide

W--> 146 <221> NAME/KEY: VARIANT

147 <222> LOCATION: (1)...(22)

148 <223> OTHER INFORMATION: Xaa = Any Amino Acid

W47> 150 <400> 7

W--> 151 Xaa Tyr Tyr Xaa Tyr Tyr Xaa Tyr Tyr Xaa Tyr Tyr Xaa Tyr Tyr Xaa

152 1 5 10 15

W--> 153 Tyr Tyr Xaa Tyr Tyr Xaa

154 20

157 <210> SEQ ID NO: 8

158 <211> LENGTH: 25

159 <212> TYPE: PRT

160 <213> ORGANISM: Artificial Sequence

162 <220> FEATURE:

163 <223> OTHER INFORMATION: Synthetic peptide

W--> 166 <221> NAME/KEY: VARIANT

167 <222> LOCATION: (1)...(25)

168 <223> OTHER INFORMATION: Xaa = Any Amino Acid

W47> 170 <400> 8

W--> 171 Xaa Tyr Tyr Xaa Tyr Tyr Xaa Tyr Tyr Xaa Tyr Tyr Xaa Tyr Tyr Xaa

172 1 5 10 15

W--> 173 Tyr Tyr Xaa Tyr Tyr Xaa Tyr Tyr Xaa

174 20 25

177 <210> SEQ ID NO: 9

178 <211> LENGTH: 28

179 <212> TYPE: PRT

180 <213> ORGANISM: Artificial Sequence

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183 <223> OTHER INFORMATION: Synthetic peptide

W--> 186 <221> NAME/KEY: VARIANT

187 <222> LOCATION: (1)...(28)

188 <223> OTHER INFORMATION: Xaa = Any Amino Acid

W47> 190 <400> 9

W--> 191 Xaa Tyr Tyr Xaa Tyr Tyr Xaa Tyr Tyr Xaa Tyr Tyr Xaa Tyr Tyr Xaa

192 1 5 10 15

W--> 193 Tyr Tyr Xaa Tyr Tyr Xaa Tyr Tyr Xaa Tyr Tyr Xaa

194 20 25

197 <210> SEQ ID NO: 10

198 <211> LENGTH: 31

199 <212> TYPE: PRT

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203 <223> OTHER INFORMATION: Synthetic peptide

W--> 206 <221> NAME/KEY: VARIANT

207 <222> LOCATION: (1)...(31)

208 <223> OTHER INFORMATION: Xaa = Any Amino Acid

W47> 210 <400> 10

W--> 211 Xaa Tyr Tyr Xaa Tyr Tyr Xaa Tyr Tyr Xaa Tyr Tyr Xaa Tyr Tyr Xaa

212 1 5 10 15

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Input Set : A:\50111.002002.SEQLIST.TXT

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213 Tyr Tyr Xaa Tyr Tyr Xaa Tyr Tyr Xaa Tyr Tyr Xaa Tyr Tyr Xaa
214 20 25 30
217 <210> SEQ ID NO: 11
218 <211> LENGTH: 34
219 <212> TYPE: PRT
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223 <223> OTHER INFORMATION: Synthetic peptide
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227 <222> LOCATION: (1)...(34)
228 <223> OTHER INFORMATION: Xaa = Any Amino Acid
230 <400> 11
231 Xaa Tyr Tyr Xaa Tyr Tyr Xaa Tyr Tyr Xaa Tyr Tyr Xaa Tyr Tyr Xaa
232 1 5 10 15
W--> 233 Tyr Tyr Xaa Tyr Tyr Xaa Tyr Tyr Xaa Tyr Tyr Xaa Tyr Tyr Xaa Tyr
234 20 25 30
W--> 235 Tyr Xaa
239 <210> SEQ ID NO: 12
240 <211> LENGTH: 4
241 <212> TYPE: PRT
242 <213> ORGANISM: Artificial Sequence
244 <220> FEATURE:
245 <223> OTHER INFORMATION: Synthetic peptide
W--> 248 <221> NAME/KEY: VARIANT
249 <222> LOCATION: (1)...(4)
250 <223> OTHER INFORMATION: Xaa = Any Amino Acid
252 <400> 12
W--> 253 Xaa Tyr Tyr Arg
254 1
257 <210> SEQ ID NO: 13
258 <211> LENGTH: 4
259 <212> TYPE: PRT
260 <213> ORGANISM: Artificial Sequence
262 <220> FEATURE:
263 <223> OTHER INFORMATION: Synthetic peptide
W--> 266 <221> NAME/KEY: VARIANT
267 <222> LOCATION: (1)...(4)
268 <223> OTHER INFORMATION: Xaa = Any Amino Acid
270 <400> 13
W--> 271 Xaa Tyr Tyr Gln
272 1
275 <210> SEQ ID NO: 14
276 <211> LENGTH: 4
277 <212> TYPE: PRT
278 <213> ORGANISM: Artificial Sequence
280 <220> FEATURE:
281 <223> OTHER INFORMATION: Synthetic peptide
W--> 284 <221> NAME/KEY: VARIANT
285 <222> LOCATION: (1)...(4)

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Input Set : A:\50111.002002.SEQLIST.TXT

Output Set: N:\CRF3\05022002\I602775C.raw

286 <223> OTHER INFORMATION: Xaa = Any Amino Acid
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W--> 289 Xaa Tyr Tyr Asp
290 1
293 <210> SEQ ID NO: 15
294 <211> LENGTH: 13
295 <212> TYPE: PRT
296 <213> ORGANISM: Artificial Sequence
298 <220> FEATURE:
299 <223> OTHER INFORMATION: Synthetic peptide
W--> 302 <221> NAME/KEY: VARIANT
303 <222> LOCATION: (1)...(13)
304 <223> OTHER INFORMATION: Xaa = Any Amino Acid
W--> 306 <400> 15
W--> 307 Xaa Tyr Tyr Xaa Xaa Tyr Tyr Xaa Tyr Tyr Tyr Tyr Xaa
308 1 5 10
311 <210> SEQ ID NO: 16
312 <211> LENGTH: 16
313 <212> TYPE: PRT
314 <213> ORGANISM: Artificial Sequence
316 <220> FEATURE:
317 <223> OTHER INFORMATION: Synthetic peptide
W--> 320 <221> NAME/KEY: VARIANT
321 <222> LOCATION: (1)...(16)
322 <223> OTHER INFORMATION: Xaa = Any Amino Acid
W--> 324 <400> 16
W--> 325 Xaa Tyr Tyr Xaa Xaa Tyr Tyr Xaa Tyr Tyr Tyr Tyr Xaa Tyr Tyr Xaa
326 1 5 10 15
329 <210> SEQ ID NO: 17
330 <211> LENGTH: 19
331 <212> TYPE: PRT
332 <213> ORGANISM: Artificial Sequence
334 <220> FEATURE:
335 <223> OTHER INFORMATION: Synthetic peptide
W--> 338 <221> NAME/KEY: VARIANT
339 <222> LOCATION: (1)...(19)
340 <223> OTHER INFORMATION: Xaa = Any Amino Acid
W--> 342 <400> 17
W--> 343 Xaa Tyr Tyr Xaa Xaa Tyr Tyr Xaa Tyr Tyr Tyr Tyr Xaa Tyr Tyr Xaa
344 1 5 10 15
W--> 345 Tyr Tyr Xaa
349 <210> SEQ ID NO: 18
350 <211> LENGTH: 22
351 <212> TYPE: PRT
352 <213> ORGANISM: Artificial Sequence
354 <220> FEATURE:
355 <223> OTHER INFORMATION: Synthetic peptide
W--> 358 <221> NAME/KEY: VARIANT
359 <222> LOCATION: (1)...(22)

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/602,775C

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 1,4
Seq#:2; Xaa Pos. 1,4,7
Seq#:3; Xaa Pos. 1,4,7,10
Seq#:4; Xaa Pos. 1,4,7,10,13
Seq#:5; Xaa Pos. 1,4,7,10,13,16
Seq#:6; Xaa Pos. 1,4,7,10,13,16,19
Seq#:7; Xaa Pos. 1,4,7,10,13,16,19,22
Seq#:8; Xaa Pos. 1,4,7,10,13,16,19,22,25
Seq#:9; Xaa Pos. 1,4,7,10,13,16,19,22,25,28
Seq#:10; Xaa Pos. 1,4,7,10,13,16,19,22,25,28,31
Seq#:11; Xaa Pos. 1,4,7,10,13,16,19,22,25,28,31,34
Seq#:12; Xaa Pos. 1
Seq#:13; Xaa Pos. 1
Seq#:14; Xaa Pos. 1
Seq#:15; Xaa Pos. 1,4,5,8,13
Seq#:16; Xaa Pos. 1,4,5,8,13,16
Seq#:17; Xaa Pos. 1,4,5,8,13,16,19
Seq#:18; Xaa Pos. 1,4,5,8,13,16,19,22
Seq#:19; Xaa Pos. 1,4,5,8,13,16,19,22,25
Seq#:20; Xaa Pos. 1,4,5,8,13,16,19,22,25,28
Seq#:21; Xaa Pos. 1,4,5,8,13,16,19,22,25,28,31
Seq#:22; Xaa Pos. 1,4,5,8,13,16,19,22,25,28,31,34
Seq#:23; Xaa Pos. 1,4,5,8,13,16,19,22,25,28,31,34,37
Seq#:24; Xaa Pos. 1,4,5,8,13,16,19,22,25,28,31,34,37,40
Seq#:25; Xaa Pos. 1